

OIKE

#2

RAW SEQUENCE LISTING

DATE: 08/23/2001

PATENT APPLICATION: US/09/924,400

TIME: 15:19:08

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

ENTERED

P.5

4 <110> APPLICANT: Frudakis, Tony N.
 5 Reed, Steven G.
 6 Smith, John M.
 7 Misher, Lynda E.
 8 Dillon, Davin C.
 9 Retter, Marc W.
 10 Wang, Aijun
 11 Skeiky, Yasir A. W.
 12 Harlocker, Susan L.
 13 Day, Craig H.
 14 Li, Samuel X.
 15 Deng, Ta
 19 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 20 AND DIAGNOSIS OF BREAST CANCER
 23 <130> FILE REFERENCE: 210121.419C12
 25 <140> CURRENT APPLICATION NUMBER: US/09/924,400
 26 <141> CURRENT FILING DATE: 2001-08-07
 28 <160> NUMBER OF SEQ ID NOS: 340
 30 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 363
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Homo sapiens
 37 <400> SEQUENCE: 1
 38 ttagagaccc aattgggacc taattgggac ccaaatttct caagtggagg gagaactttt 60
 39 gacgatttcc accggtatct cctcgtgggt attcagggag ctgcccagaa acctataaac 120
 40 ttgtctaagg cgattgaagt cgtccagggg catgatgagt caccaggagt gtttttagag 180
 41 cacctccagg aggcattatcg gatttacacc ccttttgacc tggcagcccc cgaaaatagc 240
 42 catgctctta atttggcatt tgtggctcag gcagccccag atagtaaaag gaaactccaa 300
 43 aaactagagg gattttgctg gaatgaatac cagtcagctt ttagagatag cctaaaaggt 360
 44 ttt 363
 46 <210> SEQ ID NO: 2
 47 <211> LENGTH: 121
 48 <212> TYPE: PRT
 49 <213> ORGANISM: Homo sapiens
 51 <400> SEQUENCE: 2
 52 Leu Glu Thr Gln Leu Gly Pro Asn Trp Asp Pro Asn Phe Ser Ser Gly
 53 1 5 10 15
 54 Gly Arg Thr Phe Asp Asp Phe His Arg Tyr Leu Leu Val Gly Ile Gln
 55 20 25 30
 56 Gly Ala Ala Gln Lys Pro Ile Asn Leu Ser Lys Ala Ile Glu Val Val
 57 35 40 45
 58 Gln Gly His Asp Glu Ser Pro Gly Val Phe Leu Glu His Leu Gln Glu
 59 50 55 60
 60 Ala Tyr Arg Ile Tyr Thr Pro Phe Asp Leu Ala Ala Pro Glu Asn Ser
 61 65 70 75 80
 62 His Ala Leu Asn Leu Ala Phe Val Ala Gln Ala Ala Pro Asp Ser Lys

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/924,400

DATE: 08/23/2001

TIME: 15:19:08

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

```

63          85          90          95
64 Arg Lys Leu Gln Lys Leu Glu Gly Phe Cys Trp Asn Glu Tyr Gln Ser
65          100          105          110
66 Ala Phe Arg Asp Ser Leu Lys Gly Phe
67          115          120
70 <210> SEQ ID NO: 3
71 <211> LENGTH: 1080
72 <212> TYPE: DNA
73 <213> ORGANISM: Homo sapiens
75 <220> FEATURE:
76 <221> NAME/KEY: misc_feature
77 <222> LOCATION: 681, 685, 706, 720, 741, 752, 758, 780, 789, 824, 840, 859,
78          866, 884, 890, 905, 917, 926, 930, 951, 957, 959, 962, 974,
79          980, 982, 988, 995, 996, 1007, 1010, 1025, 1040, 1051, 1052,
80          1056, 1057, 1078 6✓
81 <223> OTHER INFORMATION: n = A,T,C or G
83 <400> SEQUENCE: 3
84 tcttagaatc ttcatacccc gaactcttgg gaaaacttta atcagtcacc tacagtctac 60
85 caccatttta ggaggagcaa agctacctca gctcctcgg agccgtttta agatccccca 120
86 tcttcaaagc ctaacagatc aagcagctct cgggtgcaca acctgcgccc aggtaaatgc 180
87 caaaaaaggt cctaaacca gccaggcca cgtctccaa gaaaactcac caggagaaaa 240
88 gtgggaaatt gactttacag aagtaaaacc acaccgggct gggtagaaat accttctagt 300
89 actggtagac accttctctg gatggactga agcatttgct accaaaaacg aaactgtcaa 360
90 tatggtagtt aagtttttac tcaatgaaat catccctcga cgtgggctgc ctgttgccat 420
91 agggctctgat aatggaacgg ccttcgcctt gtctatagtt taatcagtca gtaaggcgtt 480
92 aaacattcaa tggaagctcc attgtgocct tgcaccaga gctctgggca agtagaacgc 540
93 atgaactgca ccctaaaaaa acactcttac aaaattaatc ttaaaaaccg gtgttaattg 600
94 tgttagtctc ctcccttag ccctacttag agttaagggt cacccttac tgggctgggt 660
W--> 95 tctttacctt ttgaaatcat ntttnggaag gggctgccta tcttttctta actaaaaaan 720
W--> 96 gccatttgg caaaaatttc ncaactaatt tntacgtacc tacgtctccc caacaggtan 780
W--> 97 aaaaactctc tgcccttttc aaggaacctt cccactcatt cctnaacaaa aggcctgccn 840
W--> 98 ttcttcccc agttaactnt ttttttttaa aattcccaaa aaangaaccn cctgctggaa 900
W--> 99 aaacncccc ctccaanccc cggccnaagn ggaagggtcc cttgaatccc nccccnca 960
W--> 100 anggcccgga accnttaaan tngttcngg gggthnggc taaaagnccn atttggtaaa 1020
W--> 101 cctahaaatt ttttcttttt taaaaaccac nttttnttt ttcttaaca aaacctntt 1080
104 <210> SEQ ID NO: 4
105 <211> LENGTH: 1087
106 <212> TYPE: DNA
107 <213> ORGANISM: Homo sapiens
109 <220> FEATURE:
110 <221> NAME/KEY: misc_feature
111 <222> LOCATION: 559, 574, 576, 581, 582, 587, 589, 593, 594, 609, 627, 640,
112          659, 668, 672, 677, 691, 713, 714, 732, 741, 812, 813, 823,
113          825, 829, 838, 845, 849, 852, 855, 856, 859, 874, 876, 877,
114          892, 902, 907, 916, 917, 938, 950, 951, 952, 953, 960 OK
115 <223> OTHER INFORMATION: n = A,T,C or G
117 <221> NAME/KEY: misc_feature
118 <222> LOCATION: 965, 974, 976, 978, 982, 996, 1005, 1012, 1049, 1058, 1073,
119          1074, 1082, 1084, 1086 OK

```

RAW SEQUENCE LISTING

DATE: 08/23/2001

PATENT APPLICATION: US/09/924,400

TIME: 15:19:08

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

```

120 <223> OTHER INFORMATION: n = A,T,C or G
122 <400> SEQUENCE: 4
123 tctagagctg cgccctggatc cgcgccacagt gaggagacct gaagaccaga gaaaacacag 60
124 caagtaggcc ctttaaaacta ctcacctgtg ttgtcttcta atttattctg ttttattttg 120
125 tttccatcat ttttaaggggt taaaatcatc ttgttcagac ctcagcatat aaaatgaccc 180
126 atctgtagac ctcaggctcc aaccataccc caagagttgt ctggttttgt ttaaattact 240
127 gccaggtttc agctgcagat atccctggaa ggaatattcc agattccctg agtagtttcc 300
128 aggttaaaat cctataggct tcttctgttt tgaggaagag ttcctgtcag agaaaaacat 360
129 gattttggat ttttaacttt aatgcttgtg aaacgctata aaaaaaattt tctaccoccta 420
130 gctttaaagt actgtttagtg agaaattaaa attccttcag gaggattaaa ctgccatttc 480
131 agttacccta attccaaatg ttttgggtgt tagaatcttc tttaatgttc ttgaagaagt 540
W--> 132 gttttataat ttcccatcna gataaattct ctctctcctt nnttttntnt ctnttttttt 600
W--> 133 aaaacggant cttgctccgt tgtccangct gggaattttt ttttggccaa tctccgctnc 660
W--> 134 cttgcaanaa tctgcttcc caaaattacc ncctttttcc cactccacc cctnnggaatt 720
W--> 135 acctggaatt anagggccccc nccccccccc cggctaattt gtttttgtt ttagtaaaaa 780
W--> 136 acgggttttc tgttttagtt aggatggccc anntctgacc cctnatcht cccctcngc 840
W--> 137 cctchaatnt tnggntang gcttaccccc cccngngttt tttcctccat tnaaattttc 900
W--> 138 tttggantct tgaatnccgg gttttccctt ttaaaccnat tttttttt nnncccccah 960
W--> 139 ttttccctcc cccctnthta angggggttt cccaanccgg gtcncccccc angtccccaa 1020
W--> 140 tttttctccc cccccctctt ttttcttttc cccaaaantc ctatcttttc cttnaaatat 1080
W--> 141 cnaantnt 1087
143 <210> SEQ ID NO: 5
144 <211> LENGTH: 1010
145 <212> TYPE: DNA
146 <213> ORGANISM: Homo sapiens
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: 311, 315, 318, 339, 341, 347, 361, 379, 391, 415, 417, 419,
151 424, 430, 433, 454, 463, 465, 467, 476, 497, 499, 550, 562,
152 564, 587, 591, 595, 597, 598, 612, 625, 631, 640, 641, 645,
153 648, 656, 661, 665, 666, 670, 674, 675, 681, 682, 683 OK
154 <223> OTHER INFORMATION: n = A,T,C or G
156 <221> NAME/KEY: misc_feature
157 <222> LOCATION: 687, 688, 692, 710, 721, 778, 788, 811, 820, 830, 860, 867,
158 868, 871, 872, 889, 892, 896, 897, 899, 904, 915, 936, 951,
159 960, 970, 986, 990, 1000 OK
160 <223> OTHER INFORMATION: n = A,T,C or G
162 <400> SEQUENCE: 5
163 tctagaccac gaaatgggag gatttttagag tgactgatga tttctctatc atctgcagtt 60
164 agtaaacatt ctccacagtt tatgcaaaaa gtaacaaaac cactgcagat gacaaacact 120
165 aggtaacaca catactatct cccaaatacc taccacacaag ctcaacaatt ttaaactgtt 180
166 aggatcactg gctctaatac ccatgacatg aggtcaccac caaacatca agcgctaaac 240
167 agacagaatg tttccactcc tgatccactg tgtgggaaga agcaccgaac ttaccactg 300
W--> 168 gggggcctgc ntcanaahaa aagcccctgc ccccggtnt ncctttnaac cggaacgaat 360
W--> 169 naaccaccca tcccacanc tctctgttc ntgggcccctg catcttggg cctctntnc 420
W--> 170 tttnggggan acntggggaa ggtaccccat ttctttgacc cctchanaaa acccngtgg 480
W--> 171 ccctttgccc tgattcnctt gggccttttc tctttccct tttgggtgt ttaaattccc 540
W--> 172 aatgtccccc gaaccctctc cttctgccc aaaacctacc taaattctc nctangntt 600
W--> 173 ttcttggtgt tctttttcaa aggttnacct ncctgttcan ncccnacnaa aattttttcc 660

```

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/924,400

DATE: 08/23/2001
 TIME: 15:19:09

Input Set : A:\419c12.app.txt
 Output Set: N:\CRF3\08162001\I924400.raw

```

W--> 174 atatnttgg cccnnaaaaa nnnatchncc chaattgcc gaattggtn gggttttct 720
W--> 175 actgggggaa acccttttaa tttccccctt ggccggcccc ccttttttcc cccctttnga 780
W--> 176 aggcaggggg ttcttcccgga acttccaatt hcaacagccn tgcccattgn tgaaaccctt 840
W--> 177 ttcctaaaat taaaaaatan cgggttnngg nnggcctctt tccctctcng gggggghng 900
W--> 178 aaahcctta cccchaaaaa ggttgcttag ccccngtcc cactcccccc hggaaaaatn 960
W--> 179 aaccttttch aaaaaaggaa tataantttt ccactccttn gttctcttcc 1010

181 <210> SEQ ID NO: 6
182 <211> LENGTH: 950
183 <212> TYPE: DNA
184 <213> ORGANISM: Homo sapiens
186 <220> FEATURE:
187 <221> NAME/KEY: misc_feature
188 <222> LOCATION: 199, 200, 209, 223, 224, 236, 240, 241, 244, 248, 249, 262,
189 263, 267, 268, 269, 270, 271, 272, 273, 280, 281, 283, 285,
190 286, 287, 288, 289, 290, 291, 293, 295, 296, 300, 302, 303,
191 309, 313, 314, 315, 316, 317, 318, 319, 320, 322, 323 OK
192 <223> OTHER INFORMATION: n = A,T,C or G
194 <221> NAME/KEY: misc_feature
195 <222> LOCATION: 326, 327, 331, 332, 339, 342, 343, 344, 346, 349, 352, 353,
196 355, 356, 359, 360, 362, 363, 364, 367, 369, 371, 375, 377,
197 378, 379, 383, 385, 387, 389, 390, 392, 396, 397, 399, 400,
198 401, 402, 405, 406, 408, 409, 410, 412, 413, 414, 415
199 <223> OTHER INFORMATION: n = A,T,C or G OK
201 <221> NAME/KEY: misc_feature
202 <222> LOCATION: 417, 419, 420, 423, 424, 428, 431, 433, 434, 435, 437, 438,
203 439, 443, 447, 449, 450, 455, 456, 458, 459, 462, 465, 467,
204 469, 472, 480, 481, 483, 484, 485, 486, 487, 488, 493, 494,
205 495, 496, 497, 502, 505, 507, 508, 510, 512, 517, 518 OK
206 <223> OTHER INFORMATION: n = A,T,C or G
208 <221> NAME/KEY: misc_feature
209 <222> LOCATION: 520, 521, 524, 526, 531, 536, 538, 539, 543, 544, 548, 549,
210 550, 552, 553, 555, 556, 557, 561, 563, 566, 570, 571, 572,
211 576, 577, 579, 580, 582, 583, 585, 588, 590, 591, 592, 594,
212 597, 603, 606, 607, 614, 616, 618, 620, 621, 622, 623 OK
213 <223> OTHER INFORMATION: n = A,T,C or G
215 <221> NAME/KEY: misc_feature
216 <222> LOCATION: 625, 628, 629, 630, 632, 634, 637, 638, 641, 645, 651, 652,
217 653, 658, 659, 663, 664, 668, 672, 673, 674, 678, 685, 689,
218 696, 700, 701, 702, 704, 705, 706, 708, 710, 711, 712, 713,
219 715, 719, 722, 725, 727, 731, 734, 735, 737, 739, 742 OK
220 <223> OTHER INFORMATION: n = A,T,C or G
222 <221> NAME/KEY: misc_feature
223 <222> LOCATION: 745, 748, 749, 751, 752, 754, 755, 757, 759, 762, 765, 767,
224 769, 773, 774, 775, 778, 780, 783, 785, 787, 790, 793, 797,
225 800, 803, 810, 812, 824, 828, 832, 836, 839, 843, 844, 846,
226 848, 850, 852, 853, 855, 858, 859, 861, 864, 865, 866
227 <223> OTHER INFORMATION: n = A,T,C or G OK
229 <221> NAME/KEY: misc_feature
230 <222> LOCATION: 868, 869, 872, 875, 880, 886, 889, 890, 891, 892, 893, 895,

```

RAW SEQUENCE LISTING

DATE: 08/23/2001

PATENT APPLICATION: US/09/924,400

TIME: 15:19:09

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

```

231      896, 901, 902, 906, 908, 913, 914, 916, 918, 921, 924, 925,
232      930, 932, 935, 940
233 <223> OTHER INFORMATION: n = A,T,C or G
235 <400> SEQUENCE: 6
236 tctagagctc gcggccgcga gctctaatac gactcactat agggcgctga ctcgatctca 60
237 gctcactgca atctctgccc cgggggtcat gcgattctcc tgcctcagcc ttccaagtag 120
238 ctgggattac aggcgtgcaa caccacaccc ggctaatttt gtatttttaa tagagatggg 180
W--> 239 gttttccctt gttggccann atggtctcna acccctgacc tcnngtgatc ccccccccn 240
W--> 240 nganctcnna ctgctgggga tnnccgnnnn nnnccctccn ncnncnnnnn ncnncntccn 300
W--> 241 tnttcccttc tcnnnnnnnn cnnctcnctc nncctctcnc cnnntttttt cnnchncnn 360
W--> 242 cnnncncnt nccchcnnt tcnctncnn tntcnnncnn nntcnnnnn cnnnnctnn 420
W--> 243 cennctacnt ntnnnnnnt cctctctnn cctcnnctt cctcnnctt tntctctc 480
W--> 244 ntnnnnnct cnnnnctt ctnctcnnn tncctcnnn nccchcccc cctcnnctt 540
W--> 245 ctnntttnn cnnnnctt nttcctnn cnnctcnn cnnctcnn nntttttt 600
W--> 246 cncnctt ctnctcnn nntctcnn cnnctcnn nntctcnn nntctcnn 660
W--> 247 tntctcnc cnnctcnc cccnctctt cctcnnctt nntnnnnn nntctcnc 720
W--> 248 tntcnnctt nctnnctt tntctcnc nntctcnc tncctcnn ctnntctc 780
W--> 249 tcnctcnn cctcnnctt ctnctcnn tntctcnc ctnctcnn ctnctcnn 840
W--> 250 cennctcnn tnnctcnn nctnnctt ctnctcnn tctcnnctt nntnnctt 900
W--> 251 nccccctc ctnntcnn nctnnctt tntctcnn tctcnnctt 950
253 <210> SEQ ID NO: 7
254 <211> LENGTH: 1086
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapiens
258 <220> FEATURE:
259 <221> NAME/KEY: misc_feature
260 <222> LOCATION: 501, 691, 711, 735, 751, 780, 810, 819, 826, 832, 849, 889,
261      890, 904, 913, 920, 926, 937, 940, 953, 957, 960, 985, 993,
262      994, 1000, 1012, 1044, 1060, 1063, 1080, 1081
263 <223> OTHER INFORMATION: n = A,T,C or G
265 <400> SEQUENCE: 7
266 tctagagctc gcggccgcga gctcaattaa ccctcactaa agggagtcga ctcgatcaga 60
267 ctgttactgt gtctatgtag aaagaagtag acataagaga ttccattttg ttctgtacta 120
268 agaaaaattc ttctgcttg agatgctgtt aatctgtaac cctagcccca accctgtgct 180
269 cacagagaca tgtgctgtgt tgactcaagg ttcaatggat ttagggctat gctttgttaa 240
270 aaaagtgtt gaagataata tgcttgtaa aagtcacac cattctctaa tctcaagtag 300
271 ccagggacac aatacactgc ggaaggccgc agggacctt gtctaggaaa gccaggtatt 360
272 gtccaagatt tctcccatg tgatagcctg agatatggcc tcatgggaag ggtaagacct 420
273 gactgtcccc cagcccgaca tccccagcc cgacatcccc cagcccgaca cccgaaaagg 480
W--> 274 gtctgtgctg aggaagatta ntaaaagagg aaggctctt gcattgaagt aagaagaagg 540
275 ctctgtctcc tgctgtctcc tgggcaataa aatgtcttg tgtaaaccg gaatgtatgt 600
276 tctacttact gagaatagga gaaaacatcc ttagggctgg aggtgagaca ccctggcgcc 660
W--> 277 atactgtctt ttaatgcac agatgtttgt ntaattgcca tccagggcc acccccttcc 720
W--> 278 ttaacttttt atganacaaa aactttgtt ncttttctg cgaacctct cccctattan 780
W--> 279 cctattggcg tgcccatccc ctccccaan ggtgaaaaa tgttcttaa tncgagggaa 840
W--> 280 tccaaaactt tttccgctg gtcctcttc caaccctgc cctgggccnn tttctcccc 900
W--> 281 aactgtccc gntcctttn ttcctcccc ctcccgan aaaaaacccc gtttganggn 960
W--> 282 gccccctcaa attataacct ttccnaaaca aannggctt aagggtggtt gnttccggtg 1020
W--> 283 cggctggcct tgaggtcccc cctncacccc aatttggan cngtttttt ttattgccc 1080

```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

check position

1081 of sequence 8/23/01

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/924,400

DATE: 08/23/2001

TIME: 15:19:10

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

L:25 M:270 C: Current Application Number differs, Wrong Format
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/924,400

DATE: 08/23/2001

TIME: 15:19:10

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

L:281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:5922 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:322 *OK*